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Approved for use through 09/30/00. OMB 0651-0032
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

**UTILITY
PATENT APPLICATION
TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents

Attorney Docket No. **1453-00050** Total Pages **48**
First Named Inventor or Application Identifier
Robert F. Dierbeck
Express Mail Label No. **EL812751220US**

ADDRESS TO: Assistant Commissioner for Patents
Box Patent Application
Washington, D.C. 20231

6. ☐ Microfiche Computer Program (Appendix)

1. ☒ Fee Transmittal Form
(Submit an original, and a duplicate for fee processing)

2. ☒ Specification [Total Pages **32**]
(preferred arrangement set forth below)

- Descriptive title of the Invention
- Cross References to Related Applications
- Statement Regarding Fed sponsored R & D
- Reference to Microfiche Appendix
- Background of the Invention
- Brief Summary of the Invention
- Brief Description of the Drawings (if filed)
- Detailed Description
- Claim(s)
- Abstract of the Disclosure

3. ☒ Drawing(s) (35 USC 113) [Total Sheets **11**]

4. Oath or Declaration [Total Pages **2**]
a. ☒ Newly executed (original or copy)
b. ☐ Copy from a prior application (37 CFR 1.63(d))
(for continuation/divisional with Box 17 completed)

- [Note Box 5 below]
- i. ☐ DELETION OF INVENTOR(S)
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).

5. ☐ Incorporation By Reference (useable if Box 4b is checked). The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.

7. Nucleotide and/or Amino Acid Sequence Statement (if applicable, all necessary)
a. ☐ Computer Readable Copy
b. ☐ Paper Copy (identical to computer copy)
c. ☐ Statement verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

8. ☐ Assignment Papers (as originally filed)

9. ☐ 37 CFR 3.73(b) Statement ☐ Power of Attorney
(when there is an assignee)

10. ☐ English Translation Document (if applicable)

11. ☒ Information Disclosure Statement (IDS)/PTO-1449 ☒ Copies of IDS Citations

12. ☐ Preliminary Amendment

13. ☒ Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)

14. ☒ Small Entity Status is hereby declared.

15. ☐ Certified Copy of Priority Document(s)
(if foreign priority is claimed)

16. ☐ Other.

14. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No. _____

18. CORRESPONDENCE ADDRESS

☒ Customer Number or Bar Code Label

☐ Correspondence address below.

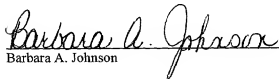


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PATENT TRADEMARK OFFICE

CERTIFICATE OF EXPRESS MAIL

This is to certify that this correspondence is being deposited with the United States Postal Service as EXPRESS MAIL POST OFFICE TO ADDRESSEE in an envelope addressed to Commissioner of Patents and Trademarks, Washington D.C., 20231 on 10/15/2001. The Express Label is EL812751220US


Barbara A. Johnson

Oct. 15, 2001
Date

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PTO/SB/17 (10/97)		COMPLETE IF KNOWN	
FEE TRANSMITTAL		Application Number _____ Filing Date 10/15/01 First Named Inventor Robert F. Dierbeck Group Art Unit _____ Examiner Name _____ Attorney Docket Number 1453-00050	
Total Amount of Payment (\$) \$469.00		FEE CALCULATION (continued)	
METHOD OF PAYMENT (check one)		2. Additional Fees	
1. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any over payments to: Deposit Account Number 01.2000 Deposit Account Name Andrus, Sceales, Starke & Sawall, LLP <input checked="" type="checkbox"/> Charge any additional fee required under 37 CFR 1.16 and 1.17 <input type="checkbox"/> Charge the Issue Fee set in 37 CFR 1.18 at the Mailing Of the Notice of Allowance, 37 CFR 1.311(b)		Large Entity Small Entity Fee Fee Fee Fee Code (\$) Code (\$) Fee Description Fee Paid 105 130 205 65 Surcharge-late filing fee or oath _____ 127 50 227 25 Surcharge-late provisional filing fee _____ or cover sheet 139 130 139 130 Non-English specification _____ 147 2,520 147 2,520 For filing a request for reexamination _____ 112 920* 112 920* Requesting publication of SIR prior to Examiner action _____ 113 1,840* 113 1,840* Requesting publication of SIR after Examiner action _____ 115 110 215 55 Extension for response within first month _____ 116 400 216 200 Extension for response within second month _____ 117 950 217 475 Extension for response within third month _____ 118 1,510 218 755 Extension for response within fourth month _____ 128 2,060 228 1,030 Extension for response within fifth month _____ 119 310 219 155 Notice of appeal _____ 120 310 220 155 Filing a brief in support of an appeal _____ 121 270 221 135 Request for oral hearing _____ 138 1,510 138 1,510 Petition to institute a public use proceeding _____ 140 110 240 55 Petition to revive unavoidably abandoned application _____ 141 1,320 241 660 Petition to revive unintentionally abandoned application _____ 142 1,320 242 660 Utility issue fee (or reissue) _____ 143 450 243 225 Design issue fee _____ 144 670 244 335 Plant issue fee _____ 122 130 122 130 Petitions to the Commissioner _____ 123 50 123 50 Petitions related to provisional applications _____ 126 240 126 240 Submission of Information Disclosure Statement _____ 581 40 581 40 Recording each patent assignment per property (times number of properties) _____ 146 790 246 395 Filing a submission after final rejection (37 CFR 1.129(a)) _____ 149 790 249 395 For each additional invention to be examined (37 CFR 1.129(b)) _____ Other fee (specify) _____ Other fee (specify) _____ SUBTOTAL (3) (\$) 0	
3. <input checked="" type="checkbox"/> Payment Enclosed:			
<input checked="" type="checkbox"/> Check <input type="checkbox"/> Money Order <input type="checkbox"/> Other			
FEE CALCULATION (fees effective 10/01/97)			
1. Filing Fee Large Entity Small Entity Fee Fee Fee Fee Code (\$) Code (\$) Fee Description Fee Paid 101 740 201 370 Utility filing fee \$370 106 310 206 155 Design filing fee _____ 107 480 207 240 Plant filing fee _____ 108 790 208 395 Reissue filing fee _____ 114 150 214 75 Provisional filing fee _____ SUBTOTAL (1) (\$) 370.00			
2. Claims Extra Fee from below Fee Paid Total claims 31 -20= 11 X \$9 = \$99 Independent 3 -3 = 0 X _____ = _____ Claims Multiple Dependent X _____ = _____ Claims Large Entity Small Entity Fee Fee Fee Fee Fee Description Code (\$) Code (\$) Fee Description Fee Paid 103 18 203 9 Claims in excess of 20 _____ 102 78 202 39 Independent claims in excess of 3 _____ 104 270 204 135 Multiple dependent claim _____ 109 82 209 41 Reissue independent claims over original patent _____ 110 22 210 11 Reissue claims in excess of 20 and over original patent _____ SUBTOTAL (2) (\$) 99.00			
SUBMITTED BY		COMPLETE (if applicable)	
Type or Printed name	Joseph J. Jochman, Jr. Andrus, Sceales, Starke & Sawall, LLP	Registration Number	25,058
Signature	<i>Joseph J. Jochman, Jr.</i>	Date	10/15/01
		Deposit Account User ID	

*Reduced by Basic Filing Fee Paid